

U.P. Fire Weather Briefing

3/30/2015

This presentation is automatically updated each
day by 7 a.m. Eastern

*Always check the latest forecast and contact your local NWS office
for further details*



National Weather Service – Marquette, Michigan
www.weather.gov/up



NWSMarquette

Issued: 3/30/2015 6:16 AM



@NWSMarquette





Fire Weather Outlook

Today

Tuesday

Wednesday

Low

Limited

Elevated

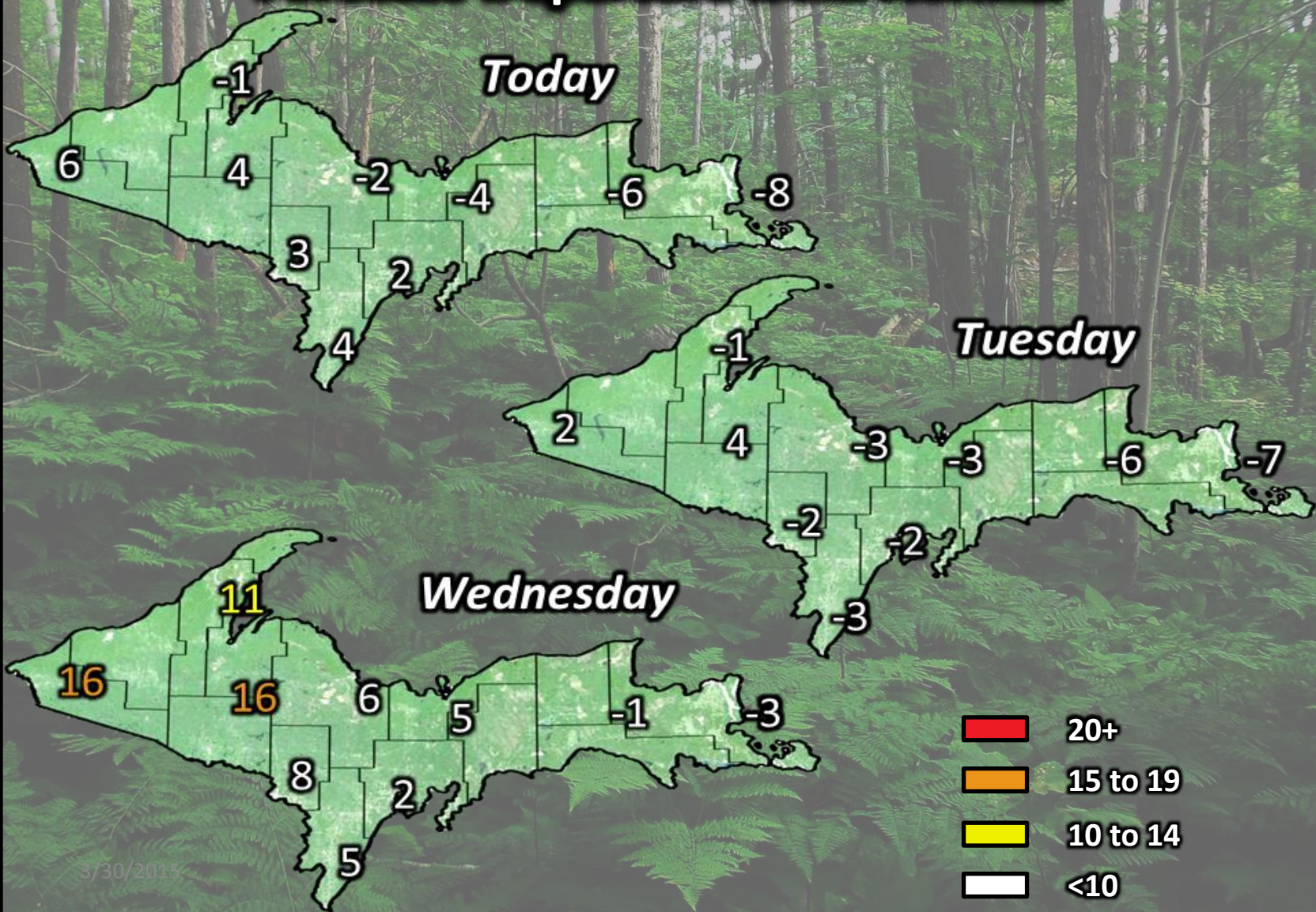
SIGNIFICANT – Weather conditions generally exceed Red Flag Warning Criteria

3/30/2015



Max Temperature Outlook

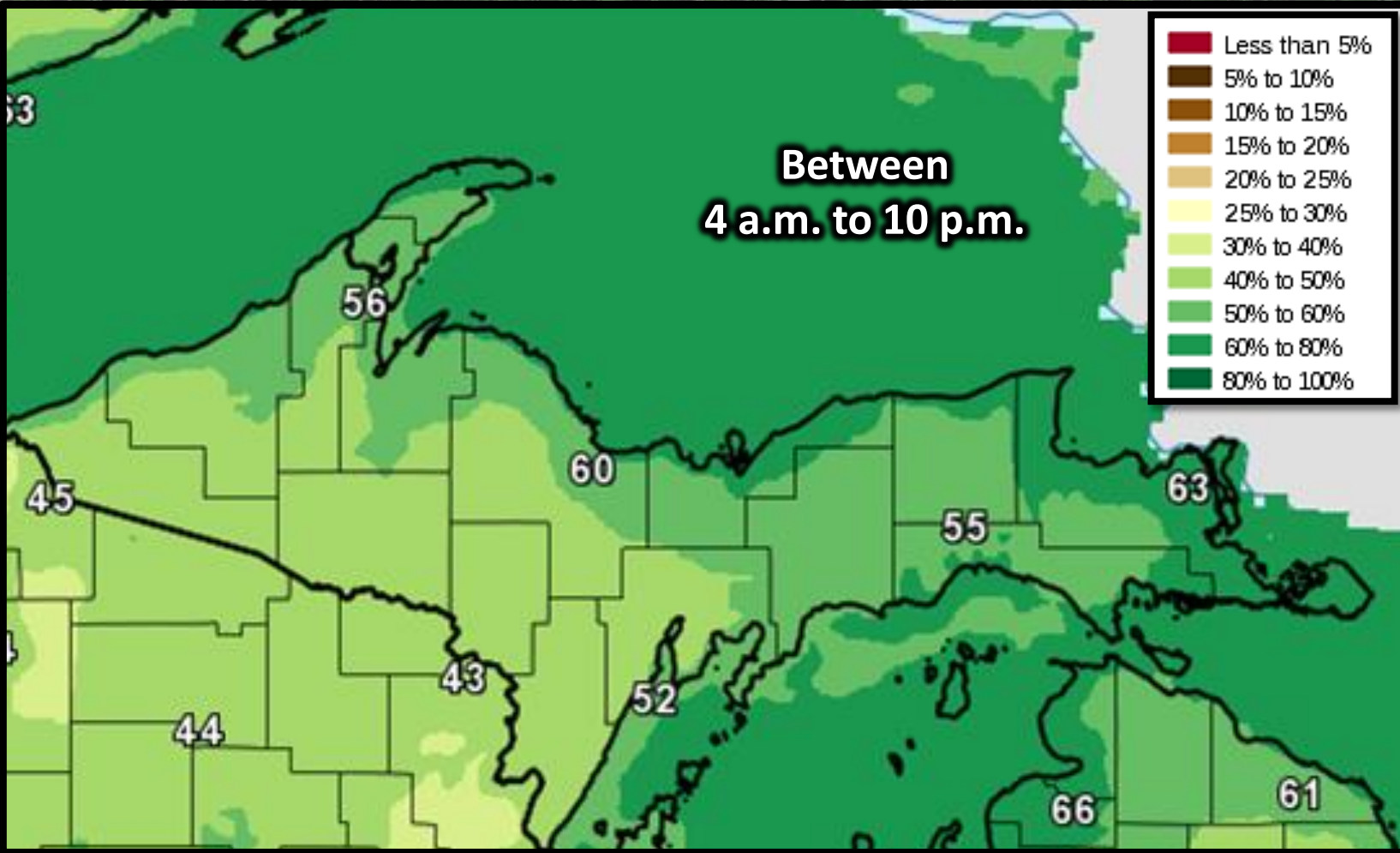
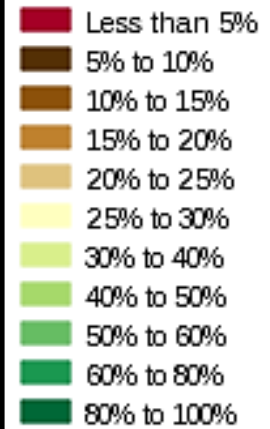
Forecast Departure from Normal



Min Relative Humidity Outlook Today



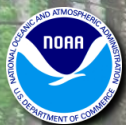
**Between
4 a.m. to 10 p.m.**



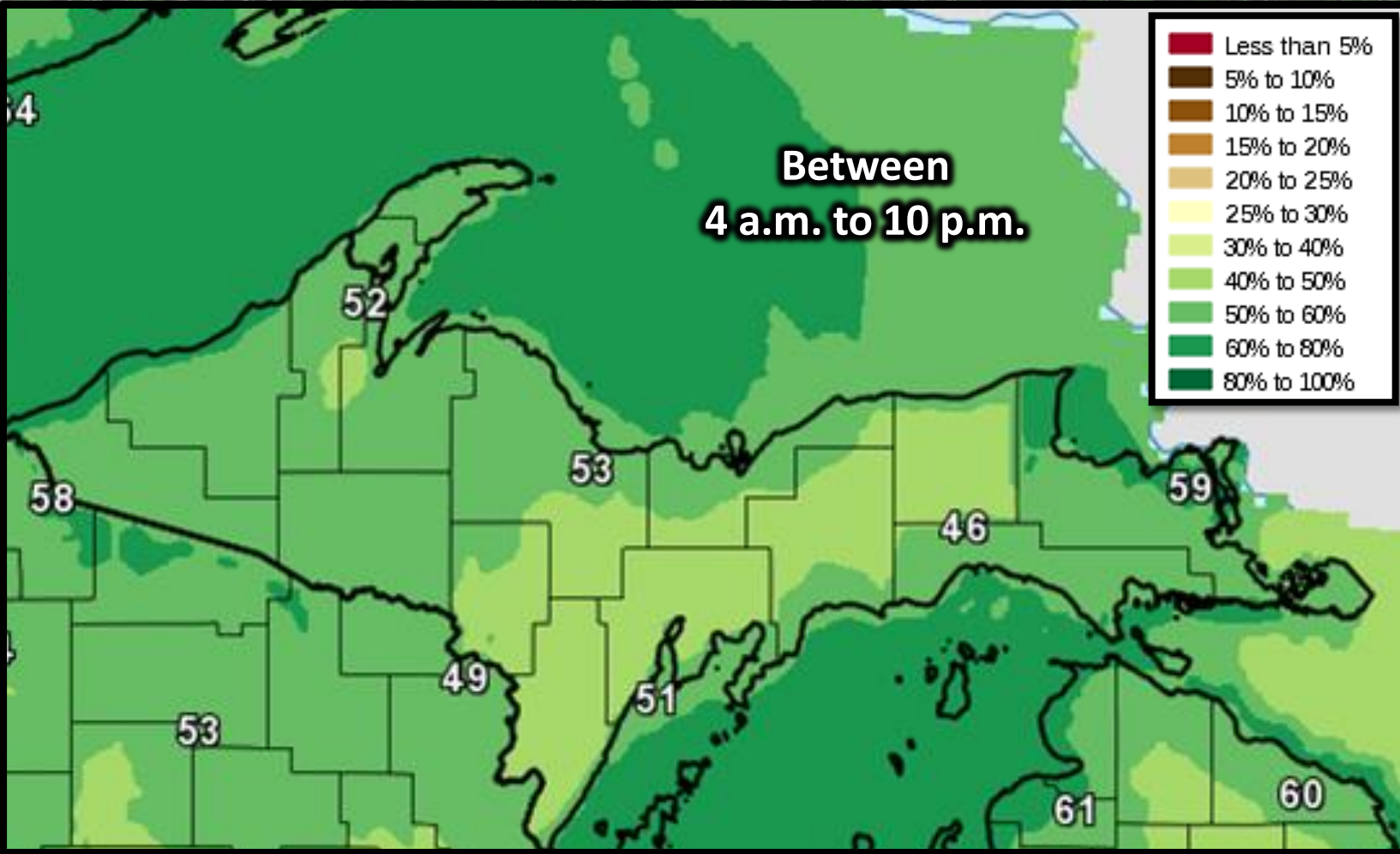
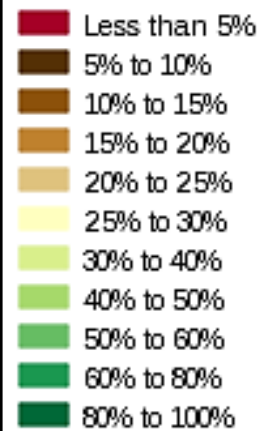
3/30/2015

Min Relative Humidity Outlook

Tuesday



**Between
4 a.m. to 10 p.m.**



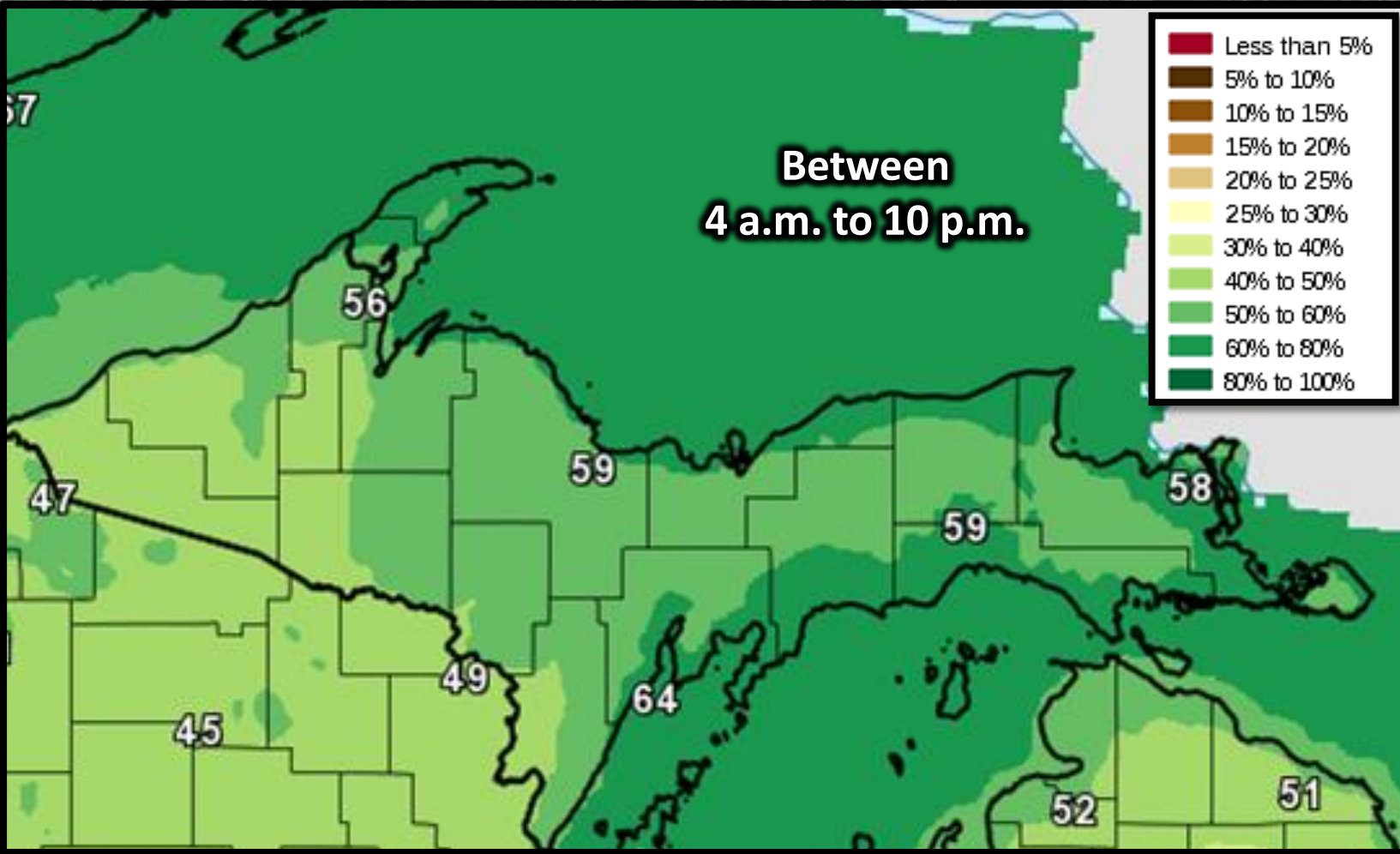
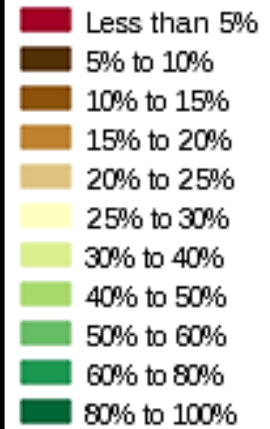
3/30/2015

Min Relative Humidity Outlook

Wednesday

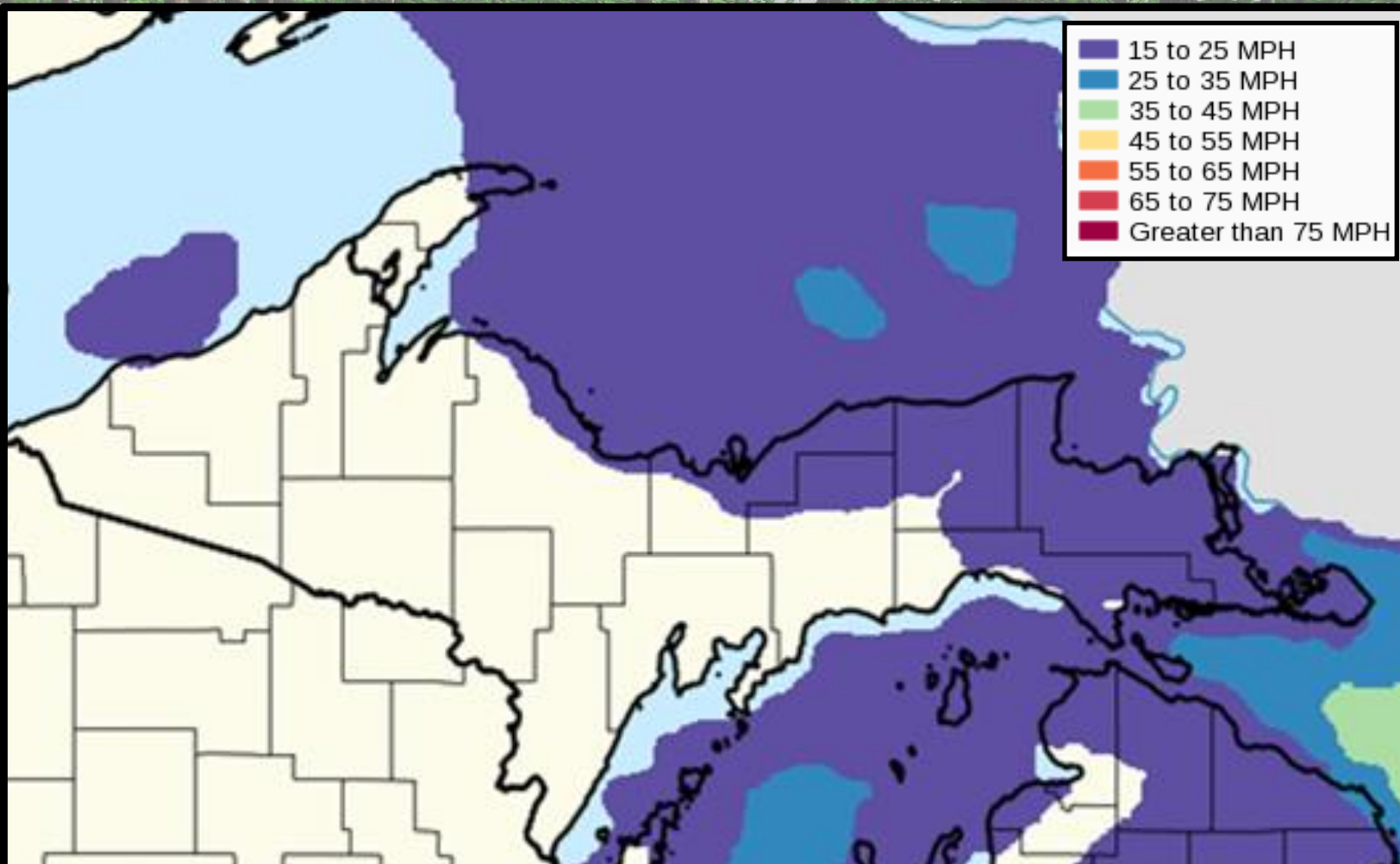


**Between
4 a.m. to 10 p.m.**



3/30/2015

Peak Wind Gust Today



5/30/2015

Peak Wind Gust

Tuesday



3/30/2015

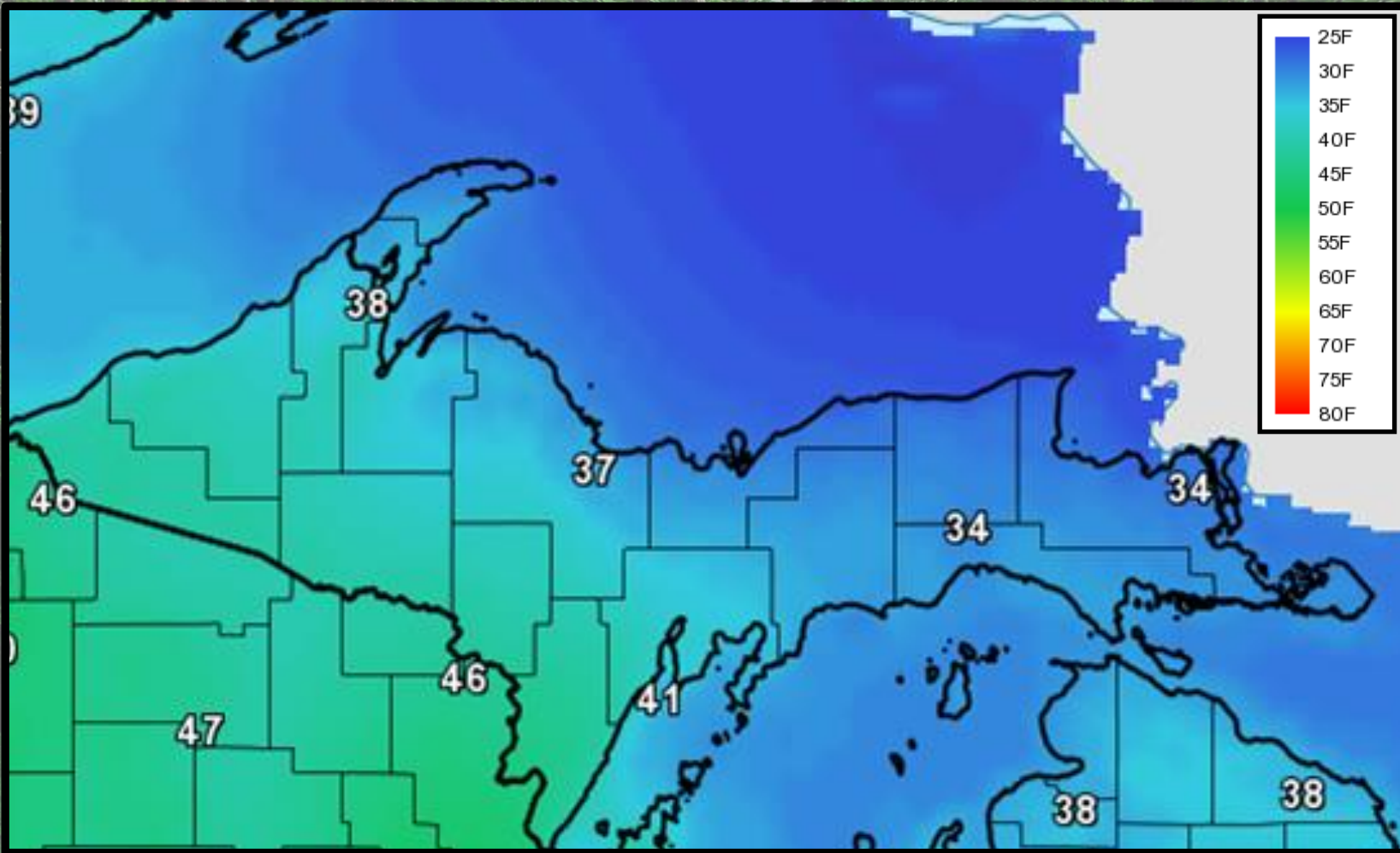
Peak Wind Gust Wednesday



3/30/2015



Max Temperature Today

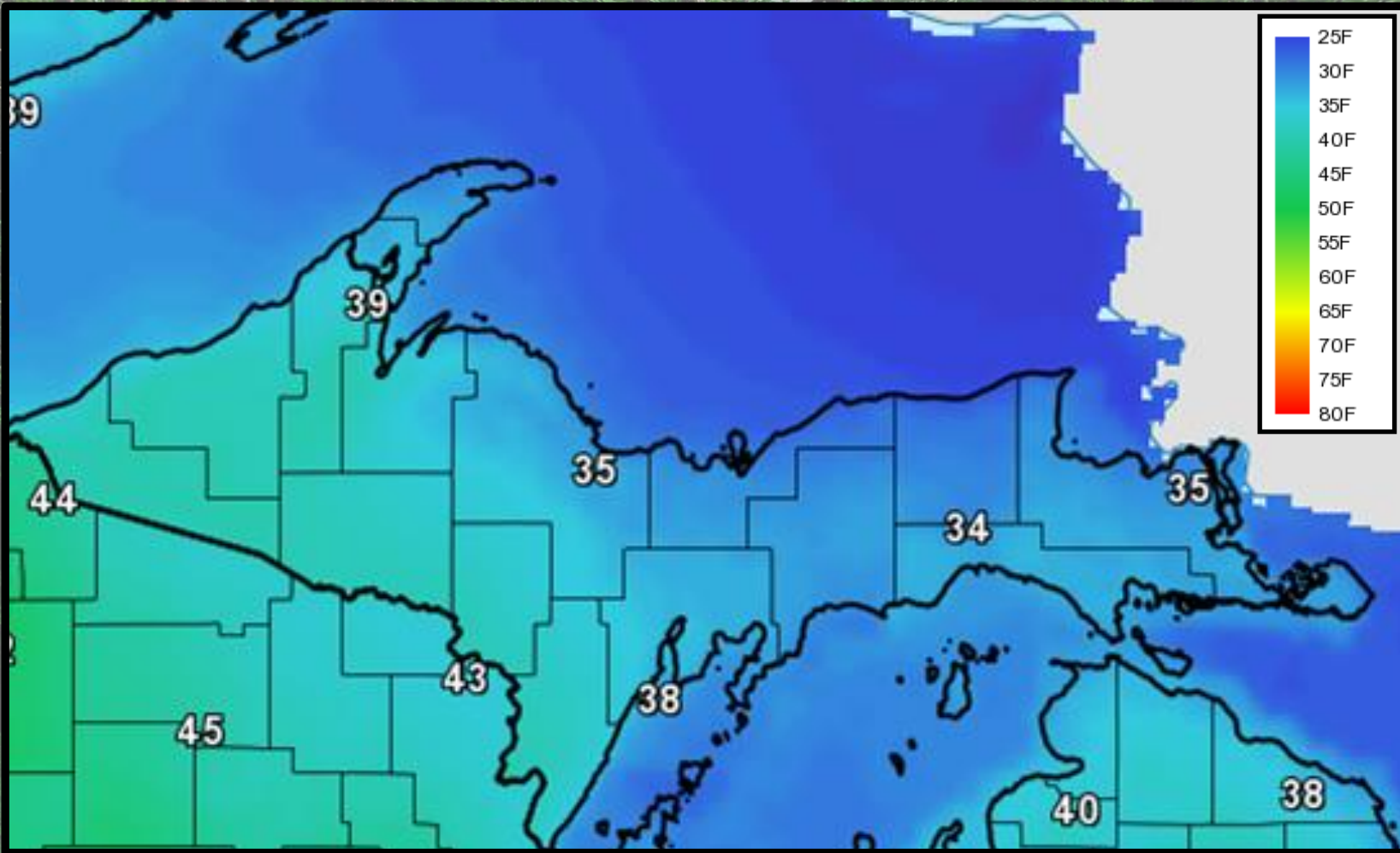


3/30/2015



Max Temperature

Tuesday

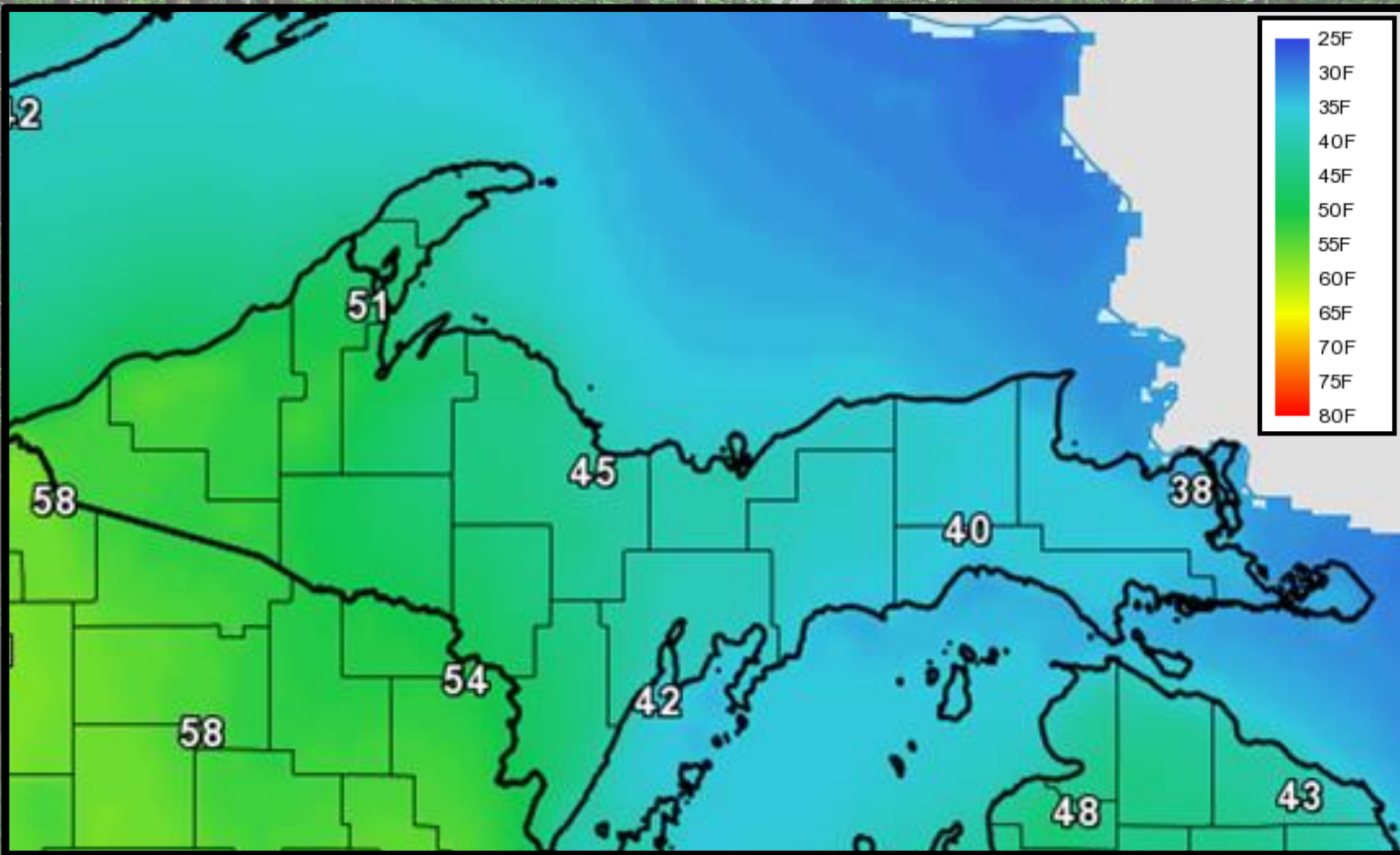


3/30/2015



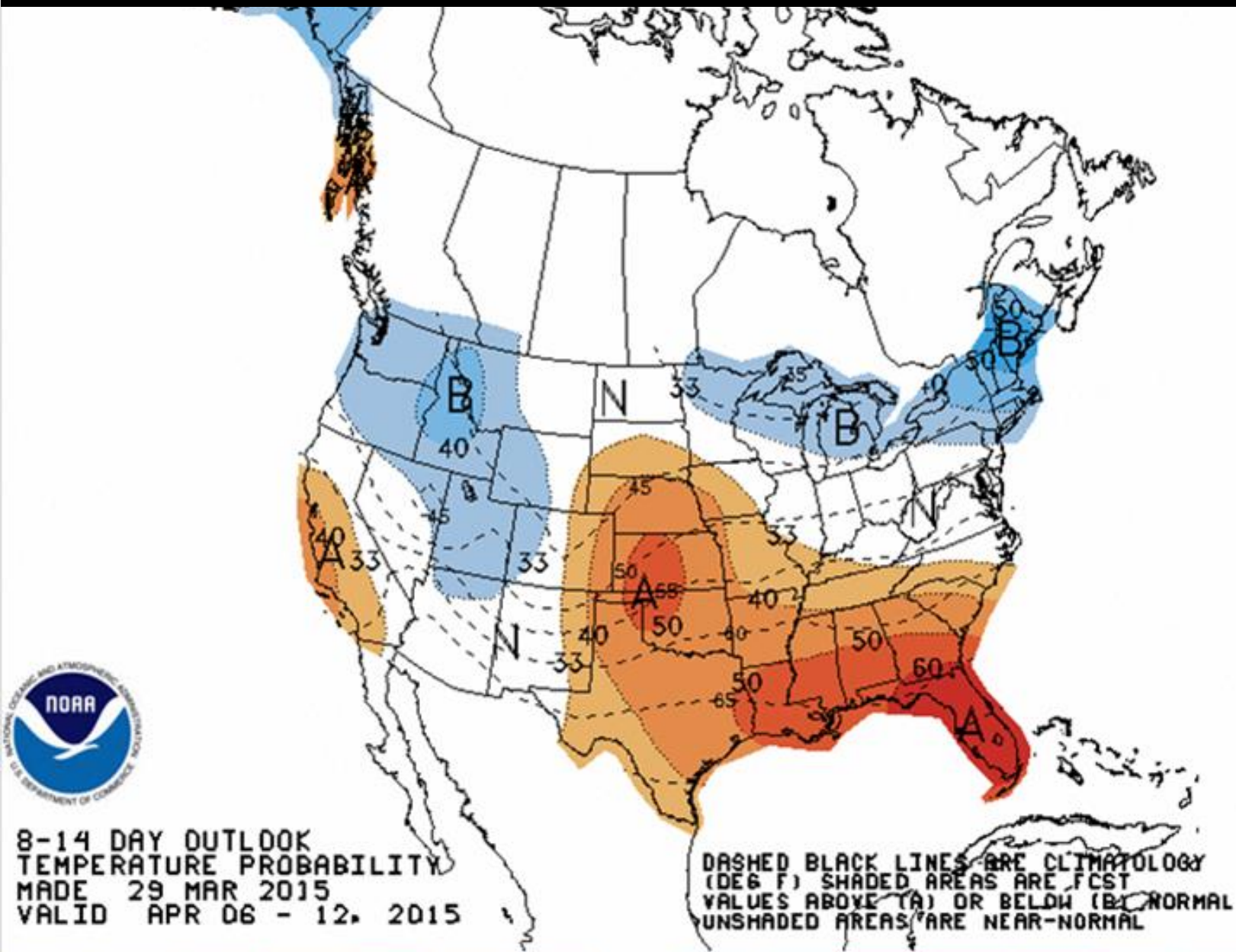
Max Temperature

Wednesday

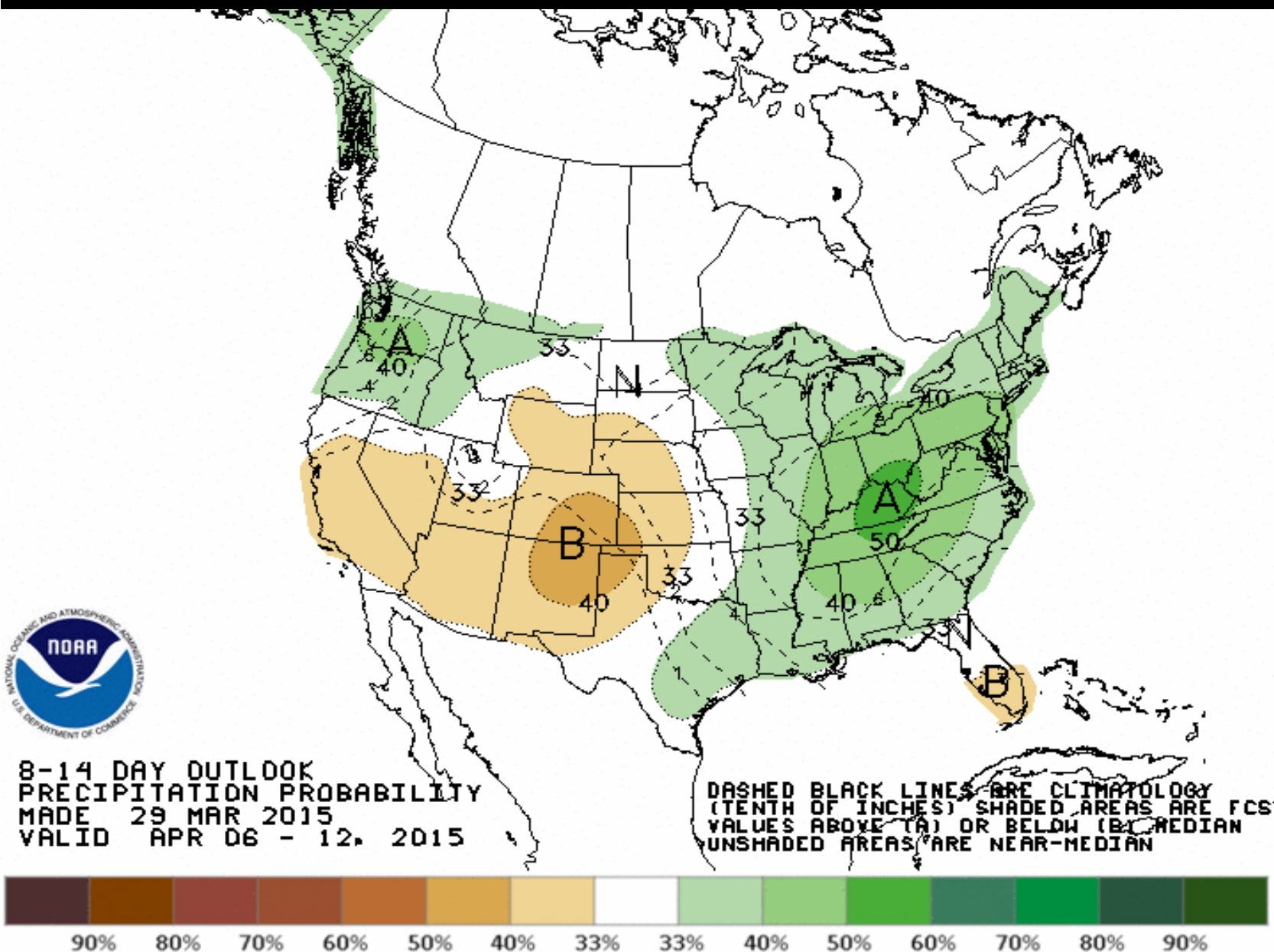


3/30/2015

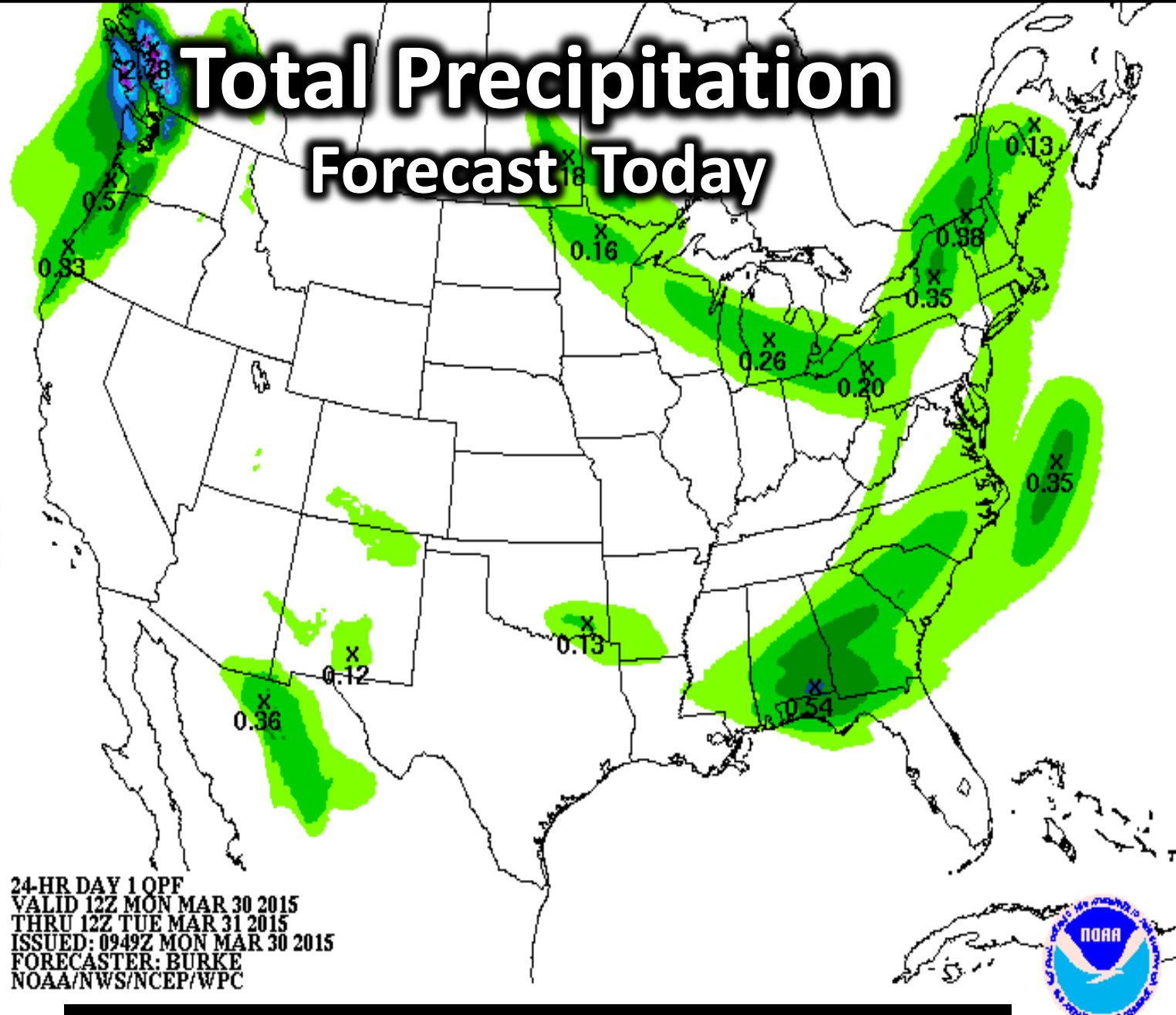
8-14 Day Temperature Outlook



8-14 Day Precipitation Outlook



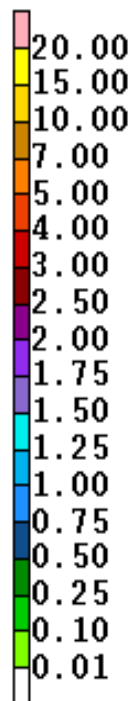
Total Precipitation Forecast Today



This is a national forecast – local forecasts may be slightly different



Total Precipitation Forecast Tuesday

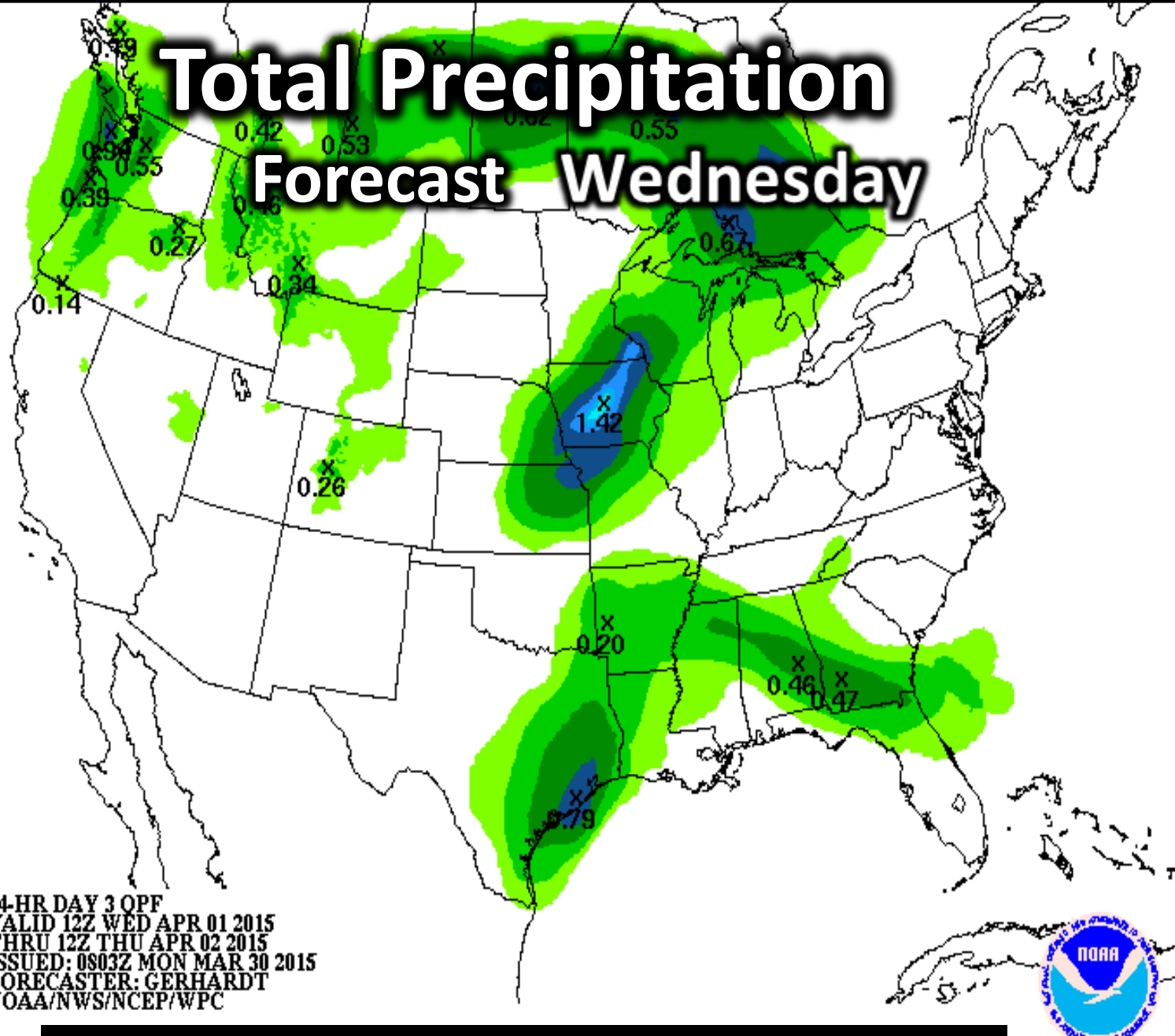


24-HR DAY 2 OPF
VALID 12Z TUE MAR 31 2015
THRU 12Z WED APR 01 2015
ISSUED: 0936Z MON MAR 30 2015
FORECASTER: GERHARDT
NOAA/NWS/NCEP/WPC

This is a national forecast – local forecasts may be slightly different



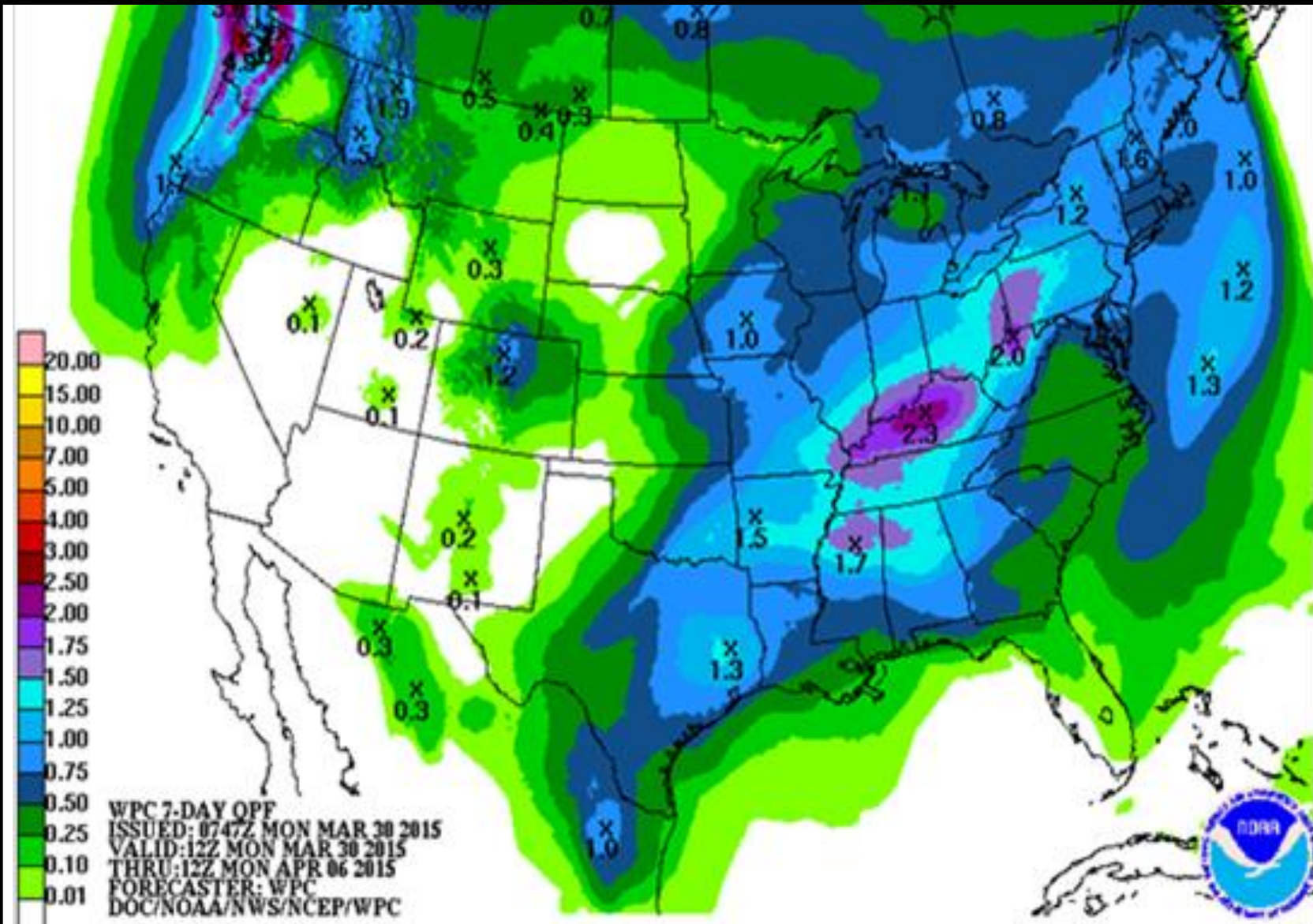
Total Precipitation Forecast Wednesday



This is a national forecast – local forecasts may be slightly different

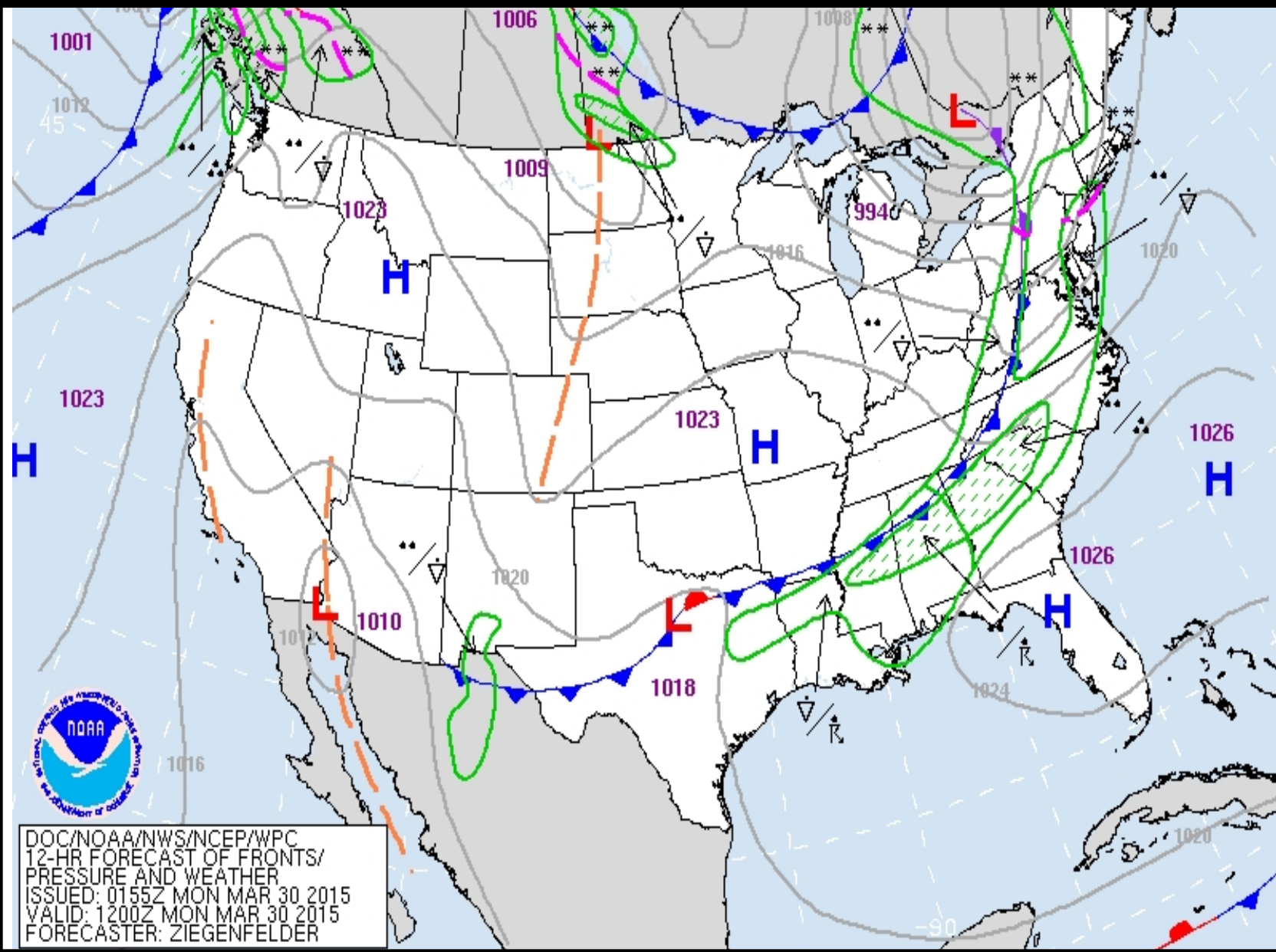


7- Day Total Precipitation

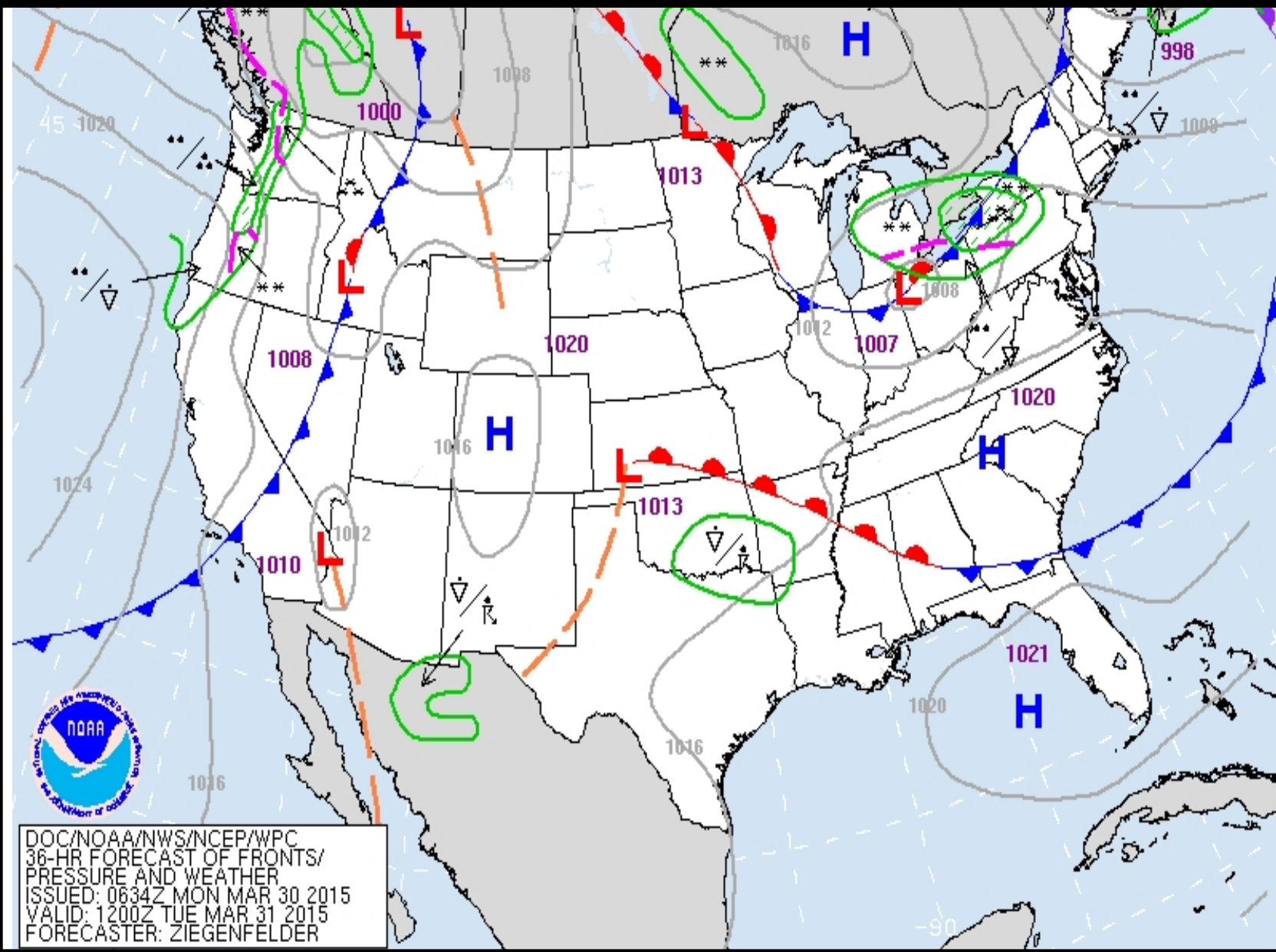


This is a national forecast – local forecasts may be slightly different

Surface Weather Features Today

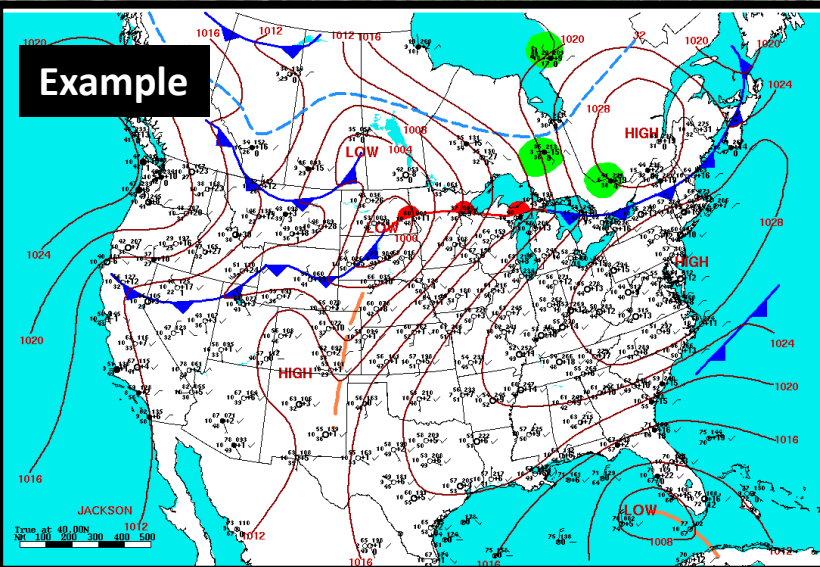


Surface Weather Features Tuesday

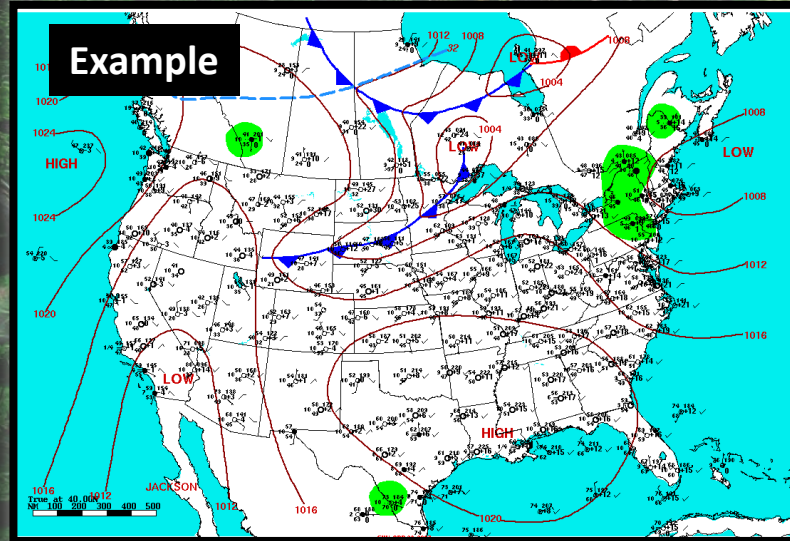


Watch-out Pattern Examples

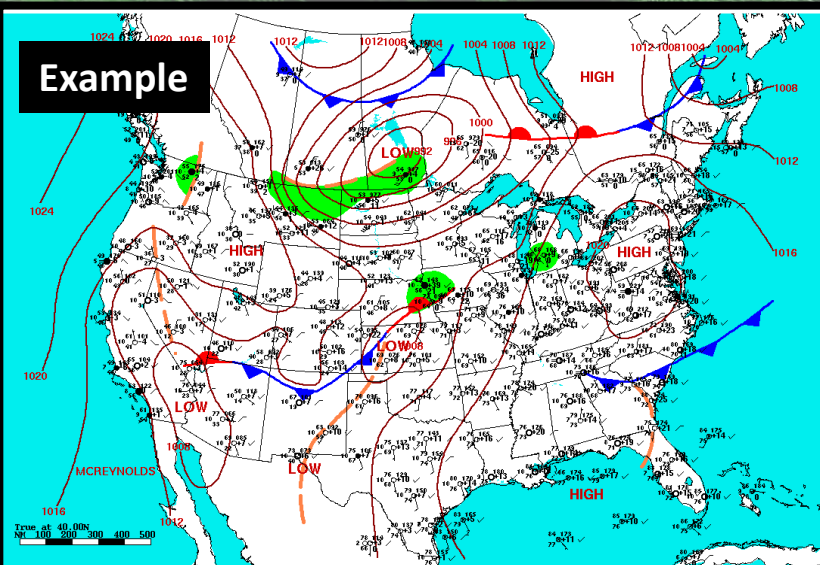
Example



Example



Example



Not a Forecast

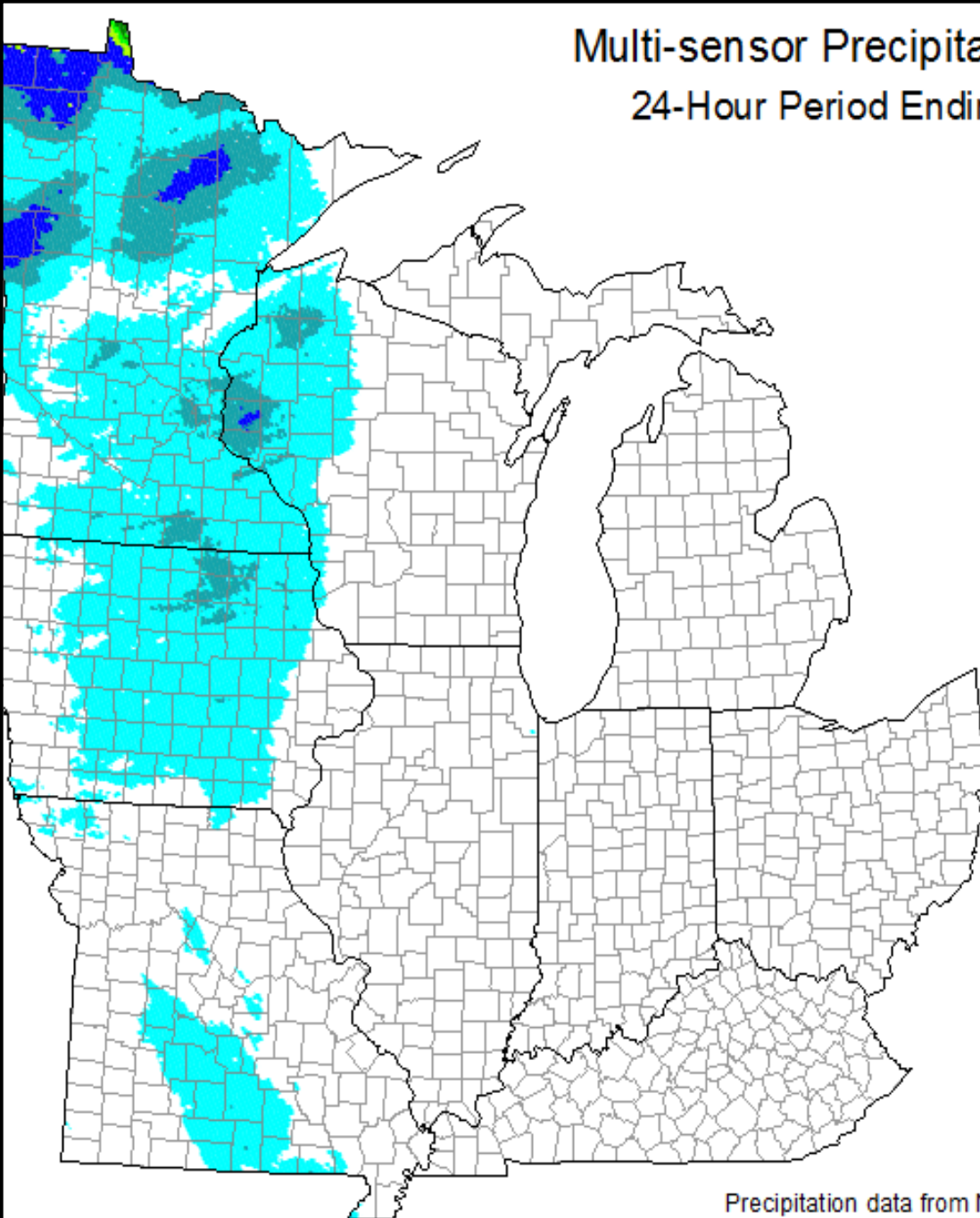


Drought and Long-Term Outlook

3/30/2015

Multi-sensor Precipitation: Observed (inches)

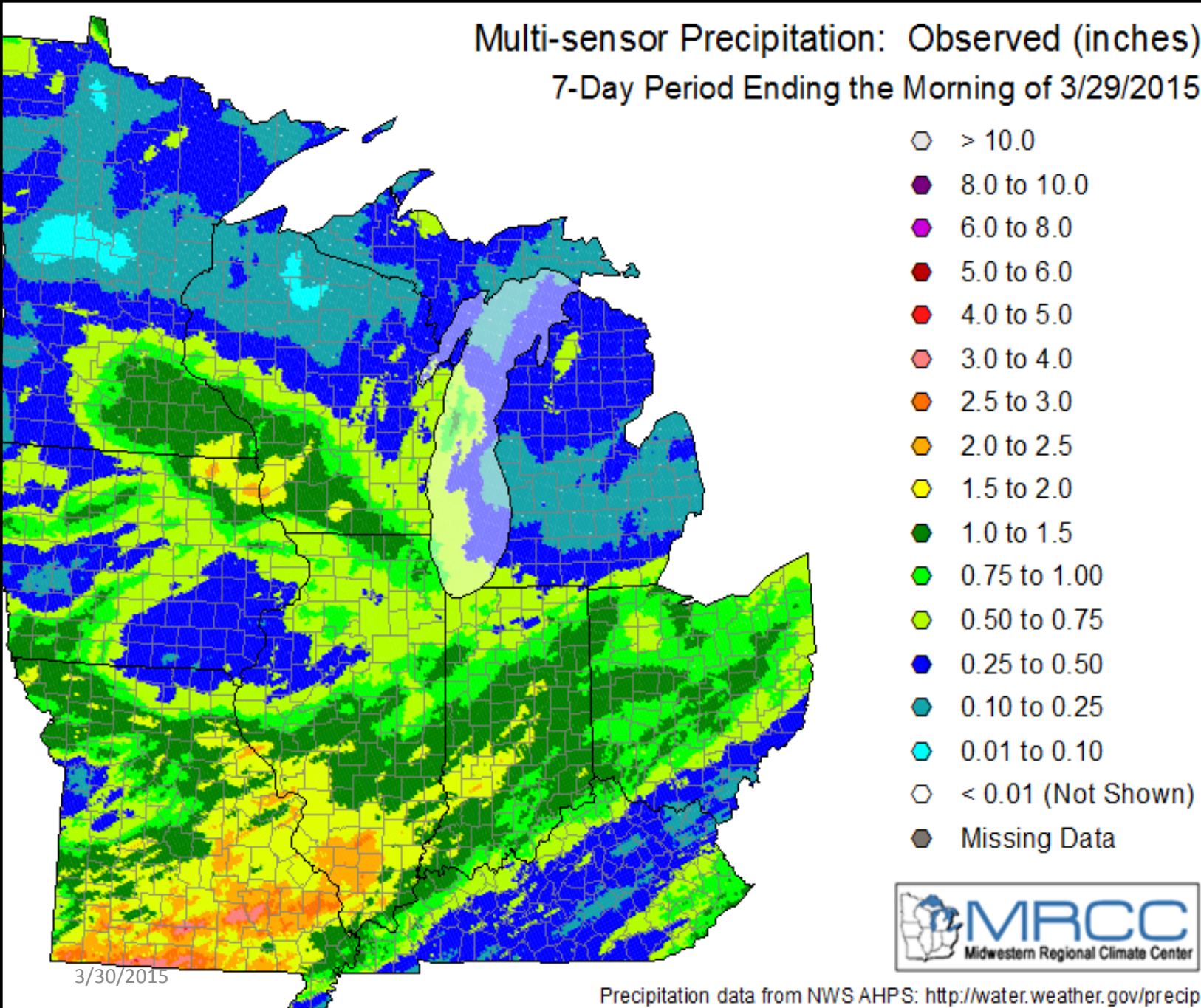
24-Hour Period Ending the Morning of 3/29/2015



- > 10.0
- 8.0 to 10.0
- 6.0 to 8.0
- 5.0 to 6.0
- 4.0 to 5.0
- 3.0 to 4.0
- 2.5 to 3.0
- 2.0 to 2.5
- 1.5 to 2.0
- 1.0 to 1.5
- 0.75 to 1.00
- 0.50 to 0.75
- 0.25 to 0.50
- 0.10 to 0.25
- 0.01 to 0.10
- < 0.01 (Not Shown)
- Missing Data



Multi-sensor Precipitation: Observed (inches)
7-Day Period Ending the Morning of 3/29/2015

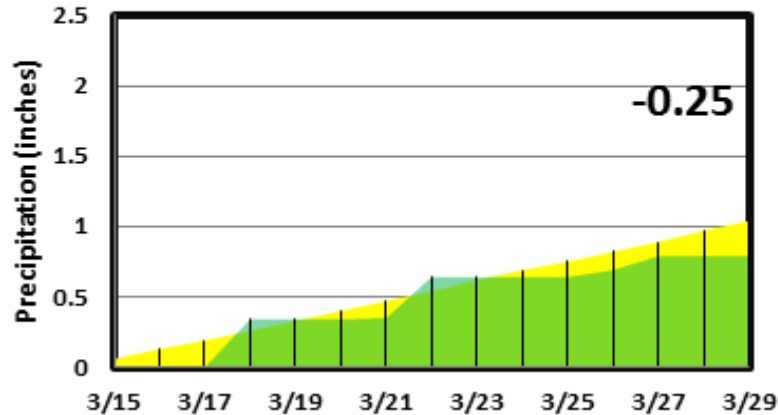




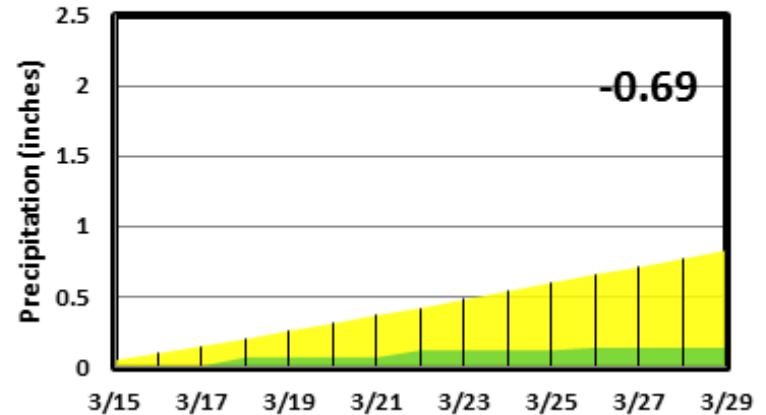
2-Week Precipitation



2-Week Rainfall Totals vs. Average
Ironwood



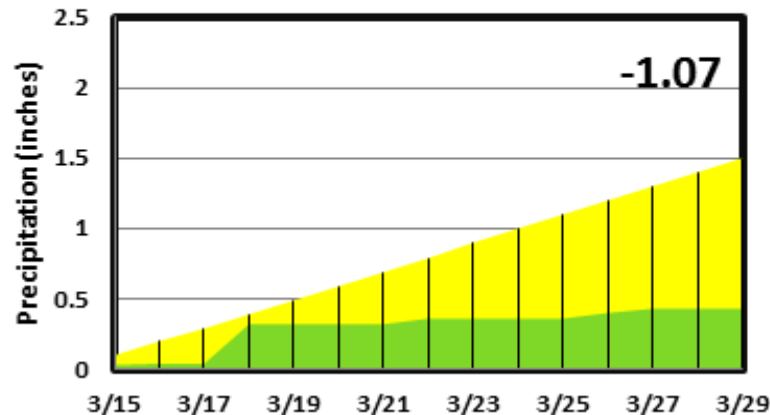
2-Week Rainfall Totals vs. Average
Jacobsville



Observed Accumulation

Normal Accumulation

2-Week Rainfall Totals vs. Average
NWS MQT



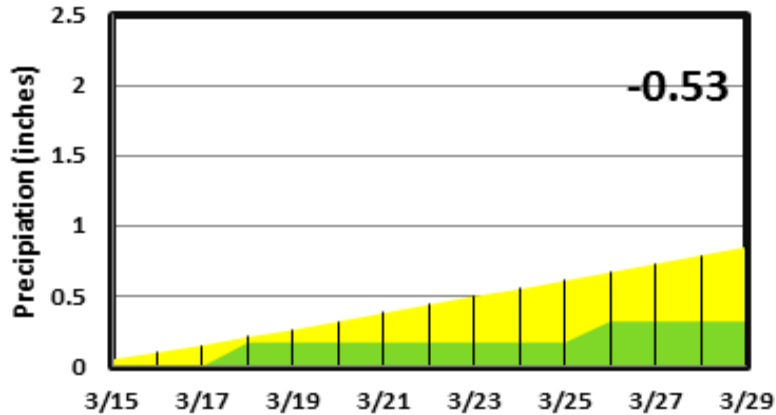
3/30/2015



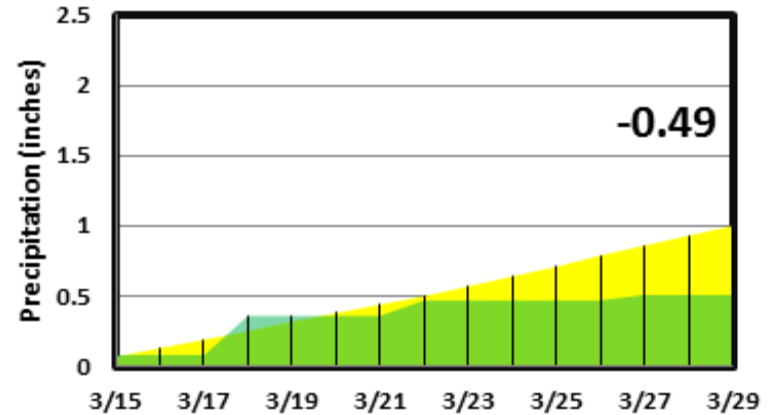
2-Week Precipitation



2-Week Rainfall Totals vs. Average
Norway



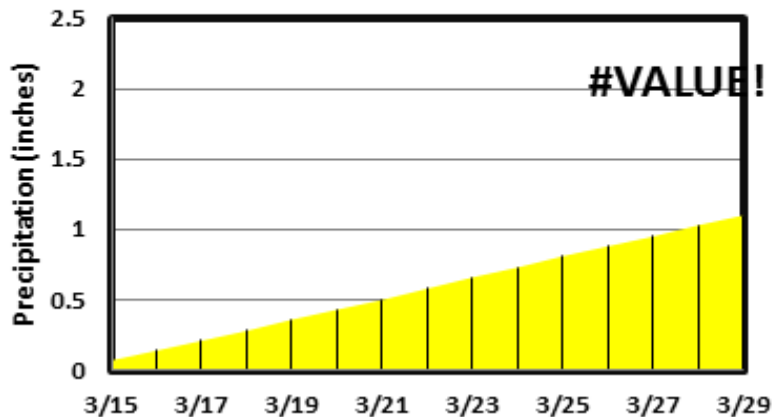
2-Week Rainfall Totals vs. Average
Munising



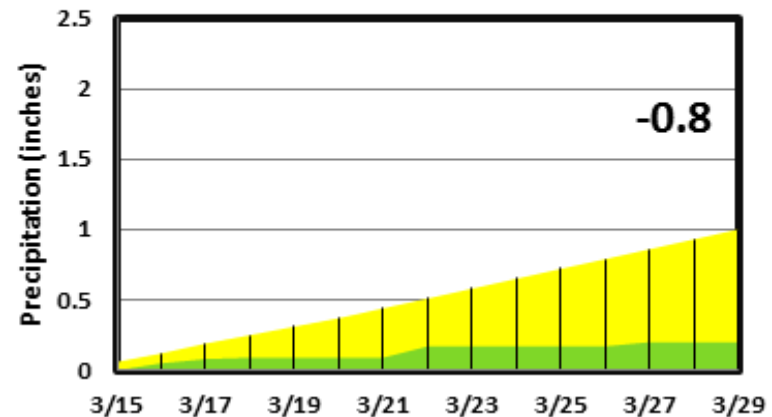
Observed Accumulation

Normal Accumulation

2-Week Rainfall Totals vs. Average
Menominee



2-Week Rainfall Totals vs. Average
Sault Ste. Marie



U.S. Drought Monitor Midwest

March 24, 2015
(Released Thursday, Mar. 26, 2015)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	61.59	38.41	16.38	0.00	0.00	0.00
Last Week <i>3/17/2015</i>	67.31	32.69	16.28	0.00	0.00	0.00
3 Months Ago <i>12/23/2014</i>	83.23	16.77	0.11	0.00	0.00	0.00
Start of Calendar Year <i>12/31/2014</i>	83.08	16.92	0.11	0.00	0.00	0.00
Start of Water Year <i>9/30/2014</i>	90.69	9.31	0.38	0.00	0.00	0.00
One Year Ago <i>3/25/2014</i>	64.85	35.15	13.52	0.77	0.00	0.00

Intensity:

 D0 Abnormally Dry	 D3 Extreme Drought
 D1 Moderate Drought	 D4 Exceptional Drought
 D2 Severe Drought	

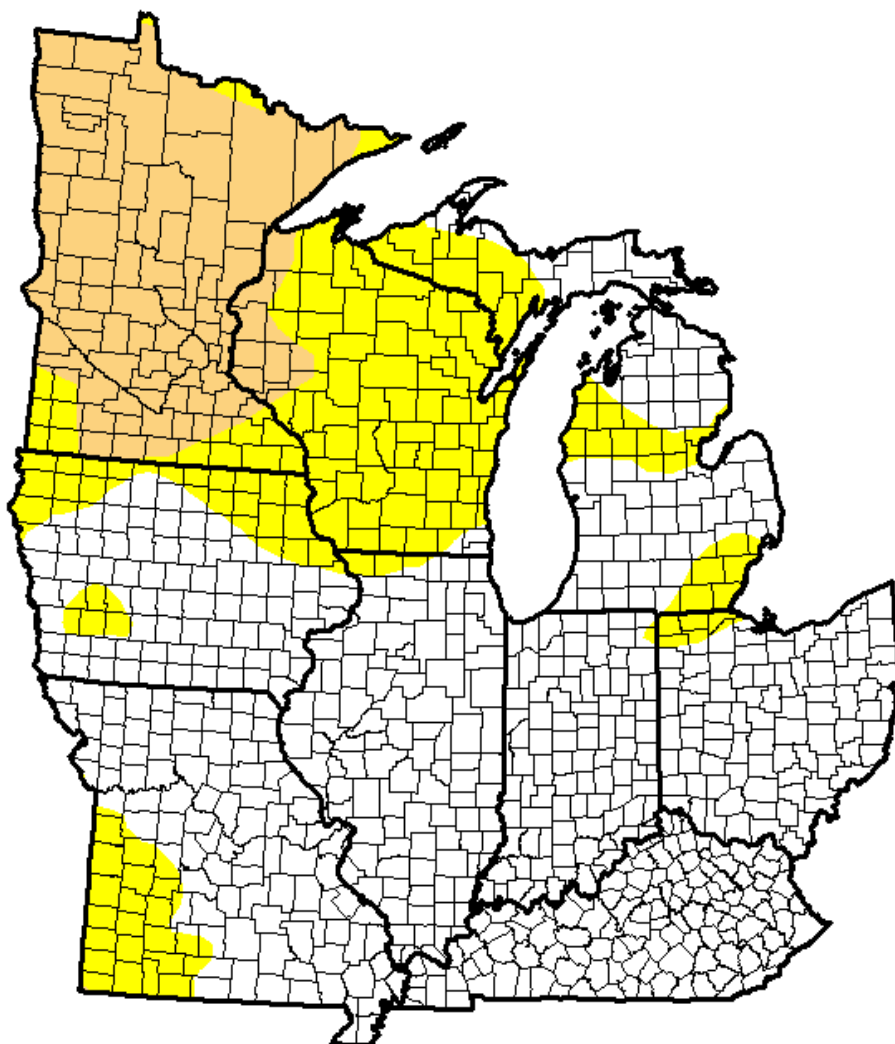
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

Eric Luebbehusen
U.S. Department of Agriculture



<http://droughtmonitor.unl.edu/>



U.S. Drought Monitor

Total U.S.

March 24, 2015

(Released Thursday, Mar. 26, 2015)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	48.68	51.32	28.93	14.18	7.36	2.79
Last Week <i>3/17/2015</i>	49.89	50.11	29.06	13.57	7.20	2.65
3 Months Ago <i>12/23/2014</i>	57.99	42.01	25.04	14.35	7.39	2.11
Start of Calendar Year <i>12/31/2014</i>	60.84	39.16	23.96	14.14	7.49	2.12
Start of Water Year <i>9/30/2014</i>	59.89	40.11	25.54	15.59	7.86	3.22
One Year Ago <i>3/25/2014</i>	56.07	43.93	31.99	19.29	8.10	1.75

Intensity:

 D0 Abnormally Dry	 D3 Extreme Drought
 D1 Moderate Drought	 D4 Exceptional Drought
 D2 Severe Drought	

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

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